

ATTENTION:

United States Environmental Protection Agency (USEPA)

FREEDOM OF INFORMATION ACT (FOIA) APPLICATION

EPA EMISSION FAMILY CODE: HMDCPPFCSTL

REGARDING:



Midwest Can Company

***CERTIFICATION APPLICATION PER 40 CFR SECTION 59.624
40 CFR, SUBPART F, CONTROL OF EVAPORATIVE EMISSIONS FROM NEW & IN-USE
PORTABLE FUEL CONTAINERS***

***Application #17-01-22versionA
January 22, 2017***



**CERTIFICATION APPLICATION PER 40 CFR SECTION
59.624 for Portable Fuel Containers (PFC)**

Table of Contents

EPA Regulation 40 CFR §59.623	Regulation Description	Page #
-	Executive Summary / Consultant Authorization Letter / Correspondence and Communications	3-5
(a)	Describe the emission family's specifications and other basic parameters of the emission controls. List each distinguishable configuration in the emission family. Include descriptions and part numbers for all detachable components such as spouts and caps.	6-15
(b)	Describe and explain the method of emission control.	16
(c)	Describe the products you selected for testing and the reasons for selecting them.	17
(d)	Describe the test equipment and procedures that you used, including any special or alternate test procedures you used (see §59.650).	18
(e)	List the specifications of the test fuel to show that it falls within the required ranges specified in §59.650.	19
(f)	Include the maintenance and use instructions and warranty information you will give to the ultimate purchaser of each new portable fuel container (see §59.613).	20-21
(g)	Describe your emission control information label (see §59.615).	22
(h)	State that your product was tested as described in the application (include the test procedures, test parameters and test fuels) to show you meet the requirements of this subpart.	23
(i)	Present emission data to show your products meet the applicable emission standards. Where applicable, §§59.626 and 59.627 may allow you to submit an application in certain cases without new emission data.	24
(j)	Report all test results, including those from invalid tests or from any other tests, whether or not they were conducted according to the test procedures of §§59.650 and 59.653. We may ask you to send other information to confirm that your tests were valid under the requirements of this subpart.	25-26
(k)	Unconditionally certify that all the products in the emission family comply with the requirements of this subpart, other referenced parts of the CFR and the Clean Air Act.	27
(l)	Include estimates of U.S.-directed production volumes.	28
(m)	Include the information required by other sections of this subpart.	29
(n)	Include other relevant information, including any additional information requested by EPA.	30-31
(o)	Name an agent for service located in the United States. Service on this agent constitutes service on you or any of your officers or employees for any action by EPA or otherwise by the United States related to the requirements of this subpart.	32
-	Application Revision History	33

**Executive Summary:**

Midwest Can Company has been manufacturing fuel containers for over 35-years. What began as a product line consisting solely of metal containers has now become a complete product line of plastic fuel containers featuring the CARB Approved, Spill-Proof System Fuel Containers. I believe our company slogan states it best:

"KEEPING IT ALL CONTAINED – WITH THE PRODUCTS AND SERVICES OF MIDWEST CAN COMPANY."

With that in mind, Midwest Can Company would like to petition the United States Environmental Protection Agency (USEPA) to certify our MIDWEST PETROLEUM PRODUCT PORTABLE FUEL CONTAINER FAMILY HMDCPPFCSTL for legal sale in the United States of America in accordance to Federal Register Volume 82, No. 37 Rules and Regulations, 40 CFR Part 59.

As Midwest Can Company's Authorized Manufacturing Representative I can attest that the MIDWEST PETROLEUM PRODUCT PORTABLE FUEL CONTAINER FAMILY HMDCPPFCSTL has been tested and in conformance with the standards and requirements of the United States of America in accordance to Federal Register Volume 82, No. 37 Rules and Regulations, 40 CFR Part 59.. If you have any questions regarding this certification, feel free to contact me via phone or email.

Thank you,

John Evans
Midwest Can Company's Manufacturer Authorized Representative
Midwest Can Company
10800 W Belmont Avenue #200
Franklin Park, IL 60131
Phone# (708) 615-1400
Fax# (708) 615-0381
Email: john@midwestcan.com

**Consultant Authorization Letter:****MIDWEST CAN COMPANY**

1950 N. Mannheim Rd. Melrose Park, Illinois 60160
(708) 615-1400 • (800) 548-7513 • FAX (708) 615-0381
www.midwestcan.com

January 12, 2009

Mr. John LaCroix
Compliance & Innovative Strategies Division
Environmental Protection Agency

Dear John

Re: Portable Fuel Container Certification.

Midwest Can Company is designating;

Andy Meloeny
Testing Services Group
Lapeer, Mi.

As our Consultant with full authority to change, modify and submit portable fuel container applications on our behalf with the Environmental Protection Agency.

If you have any questions please contact me.

Sincerely

John C Evans

John C Evans Sales Manager

CC: Andy Meloeny Testing Services Group



Correspondence & Communications:

Authorized Personnel / Agent of Process / Agent
for Service:

John Evans
Midwest Can Company's Manufacturer Authorized
Representative
Midwest Can Company
10800 W Belmont Avenue #200
Franklin Park, IL 60131
Phone# (708) 615-1400
Fax# (708) 615-0381
Email: johne@midwestcan.com



- a) Describe the emission family's specifications and other basic parameters of the emission controls. List each distinguishable configuration in the emission family. Include descriptions and part numbers for all detachable components such as spouts and caps.

FOIA – CONFIDENTIAL INFORMATION REDACTED

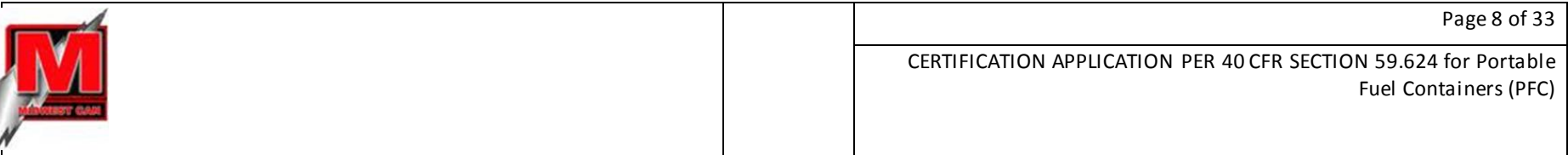
EMISSION FAMILY SUMMARY	
Manufacturer:	Midwest Can Company
Description:	Metallic petroleum product container
Trade Name:	Midwest Spill Proof System
EPA Emission Family Code:	HMDCPPFCSMTL
Models/Part# within Emission Family:	5800
Material:	Metal
Manufacturing Method:	
Emission Control:	Container material is inherently non-permeable
Physical Dimensions:	Reference Section n
Mediums:	Gasoline
Capacity	5.0-gallon
Differences in configurations:	N/A

EACH DISTINGUISHABLE CONFIGURATION IN THE EMISSION FAMILY	
Part #	5800
Rated Capacity (gal)	5.0
Total Capacity (gal)	5.0
Medium	Gasoline
Color	Red
Height	Reference Section n
Width	Reference Section n
Length	Reference Section n
Spout	Product ID #4240



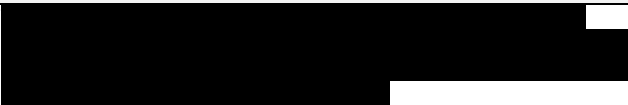
- a) Describe the emission family's specifications and other basic parameters of the emission controls. List each distinguishable configuration in the emission family. Include descriptions and part numbers for all detachable components such as spouts and caps.

EPA EMISSION FAMILY PHOTOGRAPHS:



FOIA – CONFIDENTIAL INFORMATION REDACTED

- a) Describe the emission family's specifications and other basic parameters of the emission controls. List each distinguishable configuration in the emission family. Include descriptions and part numbers for all detachable components such as spouts and caps.

Manufacturer:	Midwest Can Company	DESCRIPTION OF THE AUTOMATIC CLOSURE MECHANISM:
Description:	Metallic petroleum product container nozzle	
Trade Name:	4240	
EPA Emission Family Code:	HMDCPPFCSTL	
Applicable to Model #'s:	5800	
COMPONENTS OF THE NOZZLE		



FOIA – CONFIDENTIAL INFORMATION REDACTED

- a) Describe the emission family's specifications and other basic parameters of the emission controls. List each distinguishable configuration in the emission family. Include descriptions and part numbers for all detachable components such as spouts and caps.

Engineering Drawing of the nozzle:



FOIA – CONFIDENTIAL INFORMATION REDACTED

- a) Describe the emission family's specifications and other basic parameters of the emission controls. List each distinguishable configuration in the emission family. Include descriptions and part numbers for all detachable components such as spouts and caps.

Engineering Drawing of the nozzle:

**FOIA – CONFIDENTIAL INFORMATION REDACTED**

- a) Describe the emission family's specifications and other basic parameters of the emission controls. List each distinguishable configuration in the emission family. Include descriptions and part numbers for all detachable components such as spouts and caps.

Engineering Drawing of the nozzle:



FOIA – CONFIDENTIAL INFORMATION REDACTED

- a) Describe the emission family's specifications and other basic parameters of the emission controls. List each distinguishable configuration in the emission family. Include descriptions and part numbers for all detachable components such as spouts and caps.

Engineering Drawing of the nozzle:



FOIA – CONFIDENTIAL INFORMATION REDACTED

- a) Describe the emission family's specifications and other basic parameters of the emission controls. List each distinguishable configuration in the emission family. Include descriptions and part numbers for all detachable components such as spouts and caps.

Engineering Drawing of the nozzle:



FOIA – CONFIDENTIAL INFORMATION REDACTED

- a) Describe the emission family's specifications and other basic parameters of the emission controls. List each distinguishable configuration in the emission family. Include descriptions and part numbers for all detachable components such as spouts and caps.

Engineering Drawing of the nozzle:



FOIA – CONFIDENTIAL INFORMATION REDACTED

- a) Describe the emission family's specifications and other basic parameters of the emission controls. List each distinguishable configuration in the emission family. Include descriptions and part numbers for all detachable components such as spouts and caps.

Engineering Drawing of the nozzle:



FOIA – CONFIDENTIAL INFORMATION REDACTED

b) Describe and explain the method of emission control.

Emission Controls:	[REDACTED]
Theory:	[REDACTED]



FOIA – CONFIDENTIAL INFORMATION REDACTED

c) Describe the products you selected for testing and the reasons for selecting them.


The products tested were:





d) Describe the test equipment and procedures that you used, including any special or alternate test procedures you used (see §59.650)

Calibrated Test Equipment Used for 40 CFR Part 59.563 (d) (1-9) Diurnal Emissions Testing:

Instrument ID	Description	Model	Accuracy	Calibration Date	Due Date
31440	Scale	OHAUS 3011 Model #AV3102	± 0.01 gms	7/8/16	10/8/16
30939	Liquid Flow Meter	GPI Electronic Digital Meter 01A	± 5% F.S.	8/10/16	2/10/17
30294	Temperature Controller	Honeywell DR45AT-1111	± 2.0°C F.S.	12/18/15	12/18/16
TEST NOTES:					
 TESTING WAS CONDUCTED AT SGS TESTING SERVICES GROUP, LLC LOCATED IN LAPEER, MI. SGS TSG IS AN INDEPENDENT TESTING LABORATORY AND A MEMBER IN GOOD STANDING WITH THE ANSI-ASQ NATIONAL ACCREDITATION BOARD / ACLASS (CERTIFICATE #AT-1389); TESTING WAS CONDUCTED UNDER TSG PROPOSAL 6M206A.					

Test Procedures Used:

For U.S.E.P.A. Certification:

- Evaporative Emission Standard, 40 CFR, Subpart F, Control of Evaporative Emissions from new and In-Use Portable Fuel Containers, Sections 59.650 to 59.653; no test procedure deviations or modifications were employed.

CERTIFICATION APPLICATION PER 40 CFR SECTION
59.624 for Portable Fuel Containers (PFC)

e) List the specifications of the test fuel to show that it falls within the required ranges specified in §59.650

GAGE PRODUCTS CO.
821 WANDA AVENUE
FERNDALE, MI 48220
(248) 541-3824Gage Products Company
Certificate of Analysis / QC Results

Page: 1

Date: 02/08/16 at 12:56 PM

Customer: T00055 / Testing Services Group LLC

Sales Order #: 70536 Customer PO #: 0116DVP1654 Shipped Qty: 54

Packaged Product: 40889-55F Indolene, E10				
Property	Test Method	UOM	Specification	Value
ETHANOL CONTENT	ASTM D4815	VOL. %	9.50 - 10.50	10.21
INDOLENE CONTENT	GAGE-GC2	VOL. %	85.50 - 90.50	89.79
SPECIFIC GRAVITY @ 60F	ASTM D4052		REPORT	0.7431
RVP @ 100F	ASTM D5191	PSI	REPORT	10.04
DISTILLATION, IBP	ASTM D86	DEG F	REPORT	96.1
DISTILLATION, 10%	ASTM D86	DEG F	REPORT	120.4
DISTILLATION, 50%	ASTM D86	DEG F	REPORT	192.2
DISTILLATION, 90%	ASTM D86	DEG F	REPORT	315.0
DISTILLATION, DP	ASTM D86	DEG F	REPORT	359.2
Lot # 8856100 Made 11/16/15				
In sealed unopened containers this product is good until 11/16/16				
Approved By: <u>Robert P. Pettit</u>				



- f) Include the maintenance and use instructions and warranty information you will give to the ultimate purchaser of each new portable fuel container (see §59.613)

The below 1-year limited warranty is available on Midwest Can Company's website www.midwestcan.com. The reference to the warranty on the PFC itself can be found on the front label of each PFC.

WARRANTY

One Year from date of purchase, any part of a fuel container which fails due to a defect in materials or workmanship will be replaced free of charge. This warranty is extended to the original purchaser.

Some states do not allow the exclusion or limitations of incidental or consequential damages. This warranty gives you specific legal rights, and you may also have other rights which vary from state.

To know what your legal rights are, consult your local or state affairs office or your Attorney General. This warranty is intended to be in lieu of all other warranties, whether express or implied, including the warranties of merchantability and fitness for a particular purpose."

This container complies with U.S. EPA and CARB emission regulations for portable fuel containers (40 CFR part 59 and 13 CCR 2467 ET seq) the emission warranty is valid for a minimum of one year from date of purchase

Containers are certified to 13 CCR 2467 -- C.A.R.B. CP-501, TP-501, and TP502
Complies with US EPA emission regulation (40 CFR part 59)



- f) Include the maintenance and use instructions and warranty information you will give to the ultimate purchaser of each new portable fuel container (see §59.613)



Front Label (Metal PFC)



Back Label (Metal PFC)



g) Describe your emission control information label (see §59.615)

EMISSION CONTROL INFORMATION

**THIS CONTAINER COMPLIES WITH U.S. EPA EMISSION REGULATIONS
FOR PORTABLE FUEL CONTAINERS (40 CFR PART 59). THE EMISSIONS
WARRANTY IS VALID FOR A MINIMUM OF ONE YEAR FROM DATE OF
PURCHASE**

**EMISSION FAMILY HMDCPPFCSMTL
Midwest Can Company
Melrose Park, IL**

**FOR WARRANTY INFORMATION:
WWW.MIDWESTCAN.COM**

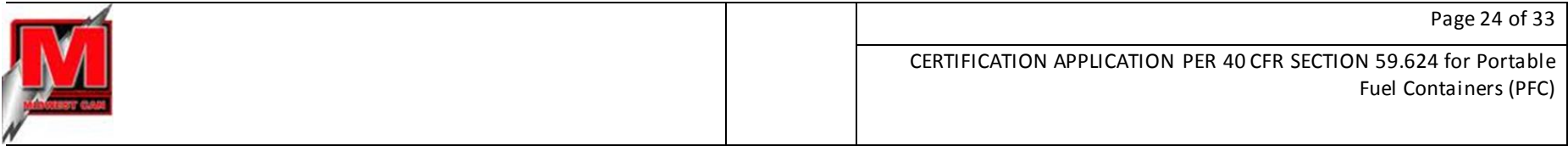


h) State that your product was tested as described in the application (include the test procedures, test parameters and test fuels) to show you meet the requirements of this subpart

As Midwest Can Company’s authorized manufacturing representative I can attest to the following:

That Midwest Can Company’s portable fuel container (PFC) emission family HMDCPPFCSMTL:

- Was tested in accordance to the Evaporative Emission Standard, 40 CFR, Subpart F, Control of Evaporative Emissions from new and In-Use Portable Fuel Containers, Sections §59.650 to §59.653
- Are compliant with the requirements of Evaporative Emission Standard, 40 CFR, Subpart F, Control of Evaporative Emissions from new and In-Use Portable Fuel Containers, Sections §59.611

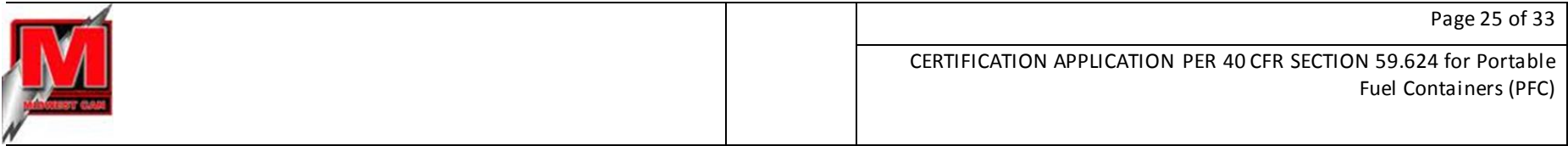


- FOIA – CONFIDENTIAL INFORMATION REDACTED**

PROPOSAL #	6M206	CONTAINER VOLUME	5.0
PROPOSAL TITLE	6M206A MIDWEST 5.0-GALLON METALLIC PFC TESTING PER 40 CFR PART 59.653 – NEW SPOUT	TEST MEDIUM	IE10
CUSTOMER	Midwest Can Company	DIURNAL PROFILE	24-hr EPA
CONTACT	John Evans	TEST PROGRAM	40 CFR Part 59.653

Note I - A negative number in the matrix above denotes a "weight gain" by the component. This translates into "no discernable" permeation rate

Note II - The permeation rate should be rounded to the nearest tenths, to determine compliance to the regulation



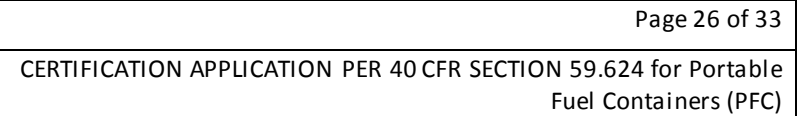
- FOIA – CONFIDENTIAL INFORMATION REDACTED**

40 CFR Part 59.563 (d) (1-9) Diurnal Emissions:

CONTAINER VOLUME	2.0
TEST MEDIUM	IE10
DIURNAL PROFILE	24-hr EPA
TEST PROGRAM	40 CFR Part 59.653

Figure 1 illustrates the three experimental conditions: Yellow, Green, and Blue. Each condition is represented by a horizontal sequence of stimuli and a corresponding sequence of responses. The stimuli are arranged in a grid, and the responses are arranged in a grid. The panels are labeled 'Yellow', 'Green', and 'Blue' at the top.

Note II - The permeation rate should be rounded to the nearest tenths, to determine compliance to the regulation



FOIA – CONFIDENTIAL INFORMATION REDACTED

PROPOSAL #	6M127
PROPOSAL TITLE	Midwest 2.0-gallon PFC Testing to ARB Proposed PFC Test Procedure - Development Testing of New Spout
CUSTOMER	Midwest Can Company
CONTACT	John Evans

CONTAINER VOLUME	2.0
TEST MEDIUM	CARB LEVIII
DIURNAL PROFILE	CARB 72-HR
TEST PROGRAM	CARB TP-502

1																								

Note II - The permeation rate should be rounded to the nearest tenths, to determine compliance to the regulation



- k) Unconditionally certify that all the products in the emission family comply with the requirements of this subpart, other referenced parts of the CFR and the Clean Air Act.

As Midwest Can Company's Authorized Manufacturing representative I can attest to the following:

That Midwest Can Company's portable fuel container (PFC) emission family HMDCPPFCSTL:

- Were tested in accordance to the Evaporative Emission Standard, 40 CFR, Subpart F, Control of Evaporative Emissions from new and In-Use Portable Fuel Containers, Sections 59.650 to 59.653
- Is compliant with the requirements of Evaporative Emission Standard, 40 CFR, Subpart F, Control of Evaporative Emissions from new and In-Use Portable Fuel Containers, Sections 59.611



FOIA – CONFIDENTIAL INFORMATION REDACTED

I) Include estimates of U.S.-directed production volumes

As Midwest Can Company's Authorized Manufacturing representative I can attest to the following:

That Midwest Can Company's portable fuel container (PFC) emission family HMDCPPFCSTML:

Annual ESTIMATED US-DIRECTED production volume for Midwest Can Company's



m) Include the information required by other sections of this subpart.

- No additional information is required.



FOIA – CONFIDENTIAL INFORMATION REDACTED

- n) Include other relevant information, including any additional information requested by EPA.

Engineering Drawing of the 5.0-gallon Metallic Gasoline Container:



n) Include other relevant information, including any additional information requested by EPA.

EPA CERTIFICATION INFORMATION:

NAME:	Midwest Can Company
TRADE NAME:	Metal Jerrican
EPA EMISSION FAMILY CODE:	HMDCPPFCSTL
MATERIAL DESIGN DESCRIPTION:	Metallic Container
KEY EMISSION-RELATED COMPONENT(S):	Metallic Container
FUEL TYPE(S):	Gasoline
CONTAINER SIZE(S):	5.0-gallon
WARRANTY PERIOD:	One year from the date of sale to the ultimate purchaser
USEFUL LIFE:	5-years
PRODUCTION DATES: (5-YEAR INTERVAL)	January 31, 2017-January 30, 2022
ORIGINAL FUEL CONTAINER MANUFACTURER / COUNTRY:	Midwest Can Company / United States
ORIGINAL FUEL SPOUT MANUFACTURER / COUNTRY:	Midwest Can Company / United States
CONFIDENTIAL STATEMENT:	Midwest Can Company considers ANY ENGINEERING DRAWINGS AND MATERIAL DESCRIPTIONS OF COMPONENTS <u>CONFIDENTIAL AND PROPRIETARY</u> and CANNOT be released to the general public



- o) Name an agent for service located in the United States. Service on this agent constitutes service on you or any of your officers or employees for any action by EPA or otherwise by the United States related to the requirements of this subpart.

As Midwest Can Company's Authorized Manufacturing representative I can attest to the following:

- That Midwest Can Company's portable fuel container (PFC) emission family HMDCPPFCSTMTL will be sold throughout all 50 United States of America and sold directly by Midwest Can Company approved vendors.
- That Midwest Can Company's Agent for Service of Process:
John Evans
Midwest Can Company's Manufacturer Authorized Representative
Midwest Can Company
10800 W Belmont Avenue #200
Franklin Park, IL 60131
Phone# (708) 615-1400
Fax# (708) 615-0381
Email: johne@midwestcan.com
- That Midwest Can Company's portable fuel container (PFC) emission family HMDCPPFCSTMTL was tested to EPA's guidelines at SGS Testing Services Group located in Lapeer, Michigan.



Application Revision History

APPLICATION #	VERSION	REASON	DATE
#17-01-22-versionA	A	<i>Released and submitted to EPA</i>	01/22/17